

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|------------------------------------|------------------|
| 1 | 60 | littman and actuator | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 14:15 |
| 2 | 45 | littman and mem\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 14:16 |
| 3 | 1 | (micro near actuat\$3) and 372/20.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 16:45 |
| 4 | 4 | (micro near actuat\$3) and 372/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 15:27 |
| 6 | 36 | (mem\$2) and 372/20.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 15:53 |
| 5 | 113 | (actuat\$3) and 372/20.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 15:40 |
| 7 | 24 | ((actuat\$3) and 372/20.ccls.) and (littman or littrow) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 15:41 |
| 8 | 110 | (mem\$2) and 372/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 15:59 |
| 9 | 997 | micro near actuator | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 15:59 |
| 10 | 0 | (micro near actuator) and (littman or littrow) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:11 |
| 11 | 8 | (micro near actuator) and (tun\$5 near3 laser) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 16:04 |
| 12 | 12 | (micro near actuator) and diffraction near grating | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 16:05 |
| 13 | 49 | littman and 372/20.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 16:51 |
| 14 | 43 | littman and rotat\$4 and 372/20.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:00 |
| 15 | 10 | littman and rotat\$4 and 372/20.ccls. and piezoelectric | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:01 |
| 16 | 8 | littman and rotat\$4 and 372/20.ccls. and (stepper near motor) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:04 |

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| 17 | 12 | (micro near actuator) and (diffraction near grating) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:12 |
| 18 | 169 | (micro near actuator) and laser | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:12 |
| 19 | 5 | (micro near actuator) and (tunable near laser) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:20 |
| 20 | 156 | mem\$2 and (tunable near laser) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/08 17:21 |
| - | 950 | 372/20.ccls. | USPAT; US-PGPUB | 2002/12/12 14:09 |
| - | 2 | 372/20.ccls. and (micro\$8 near tun\$5) | USPAT; US-PGPUB | 2002/12/12 14:14 |
| - | 190 | 372/20.ccls. and 372/102.ccls. | USPAT; US-PGPUB | 2002/12/12 14:15 |
| - | 3 | (372/20.ccls. and 372/102.ccls.) and 372/15.ccls. | USPAT; US-PGPUB | 2002/12/12 14:16 |
| - | 1 | ((actuat\$3) and 372/20.ccls.) and micro\$ | USPAT; US-PGPUB | 2002/12/12 14:18 |
| - | 0 | ((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$8 | USPAT; US-PGPUB | 2002/12/12 14:19 |
| - | 12 | (372/20.ccls. and 372/102.ccls.) and actuator | USPAT; US-PGPUB | 2002/12/12 14:19 |
| - | 19 | 372/20.ccls. and mems | USPAT; US-PGPUB | 2003/01/16 16:33 |
| - | 2 | 372/23.ccls. and mems | USPAT; US-PGPUB | 2003/01/16 16:32 |
| - | 1 | 372/102.ccls. and mems | USPAT; US-PGPUB | 2003/01/16 16:32 |
| - | 4 | littman and mems | USPAT; US-PGPUB | 2003/01/16 16:33 |
| - | 3 | (diffraction adj grating) near mems | USPAT; US-PGPUB | 2003/01/16 16:30 |
| - | 7 | (diffraction adj grating) near mem | USPAT; US-PGPUB | 2003/01/16 16:30 |
| - | 248 | (diffraction near grating) and mem | USPAT; US-PGPUB | 2003/01/16 16:31 |
| - | 144 | (diffraction near grating) and mem and (mirror or reflect\$3) and laser | USPAT; US-PGPUB | 2003/01/16 16:32 |
| - | 1 | 372/102.ccls. and mem | USPAT; US-PGPUB | 2003/01/16 16:32 |
| - | 2 | 372/23.ccls. and mem | USPAT; US-PGPUB | 2003/01/16 16:33 |
| - | 22 | 372/20.ccls. and mem | USPAT; US-PGPUB | 2003/01/16 16:33 |
| - | 34 | littman and mem | USPAT; US-PGPUB | 2003/01/16 16:34 |
| - | 196 | (diffraction near grating) and mems | USPAT; US-PGPUB | 2003/01/16 16:36 |
| - | 0 | diffraction adj grating and mem and micrmirror | USPAT; US-PGPUB | 2003/01/16 17:13 |
| - | 53 | diffraction adj grating and mem and micromirror | USPAT; US-PGPUB | 2003/01/16 17:13 |
| - | 1757 | ford.in. | USPAT; US-PGPUB | 2003/01/16 17:25 |
| - | 3 | ford.in. and mem | USPAT; US-PGPUB | 2003/01/16 17:26 |
| - | 11 | microelectromechanical adj mirror | USPAT; US-PGPUB | 2003/01/16 17:26 |
| - | 0 | (rotary near comb) and mem | USPAT; US-PGPUB | 2003/01/17 09:26 |

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| - | 2 | (rotary near comb) and mem | USPAT; US-PGPUB | 2003/01/17 09:40 |
| - | 9 | (rotary near comb) and actuator | USPAT; US-PGPUB | 2003/01/17 09:44 |
| - | 33 | (rotary near comb) and drive | USPAT; US-PGPUB | 2003/01/17 10:01 |
| - | 1 | ("6282213").PN. | USPAT; US-PGPUB | 2003/01/17 10:01 |
| - | 1 | (("6282213").PN.) and mode | USPAT; US-PGPUB | 2003/01/17 10:06 |
| - | 0 | (("6282213").PN.) and (rotary or comb) | USPAT; US-PGPUB | 2003/01/17 10:14 |
| - | 40 | 372/20.ccls. and littman | USPAT; US-PGPUB | 2003/01/17 10:14 |
| - | 36 | (372/20.ccls. and littman) and (actuator or rotat\$7) | USPAT; US-PGPUB | 2003/01/17 10:46 |
| - | 465 | fabry adj perot and liquid adj crystal | USPAT; US-PGPUB | 2003/01/17 10:42 |
| - | 2 | (fabry adj perot) near liquid adj crystal | USPAT; US-PGPUB | 2003/01/17 10:38 |
| - | 20 | 5,068,749 | USPAT; US-PGPUB | 2003/01/17 10:38 |
| - | 1 | ("5,068,749").PN. | USPAT; US-PGPUB | 2003/01/17 10:39 |
| - | 3 | (("5,068,749") or ("5,111,321") or ("6,154,591")).PN. | USPAT; US-PGPUB | 2003/01/17 10:40 |
| - | 342 | fabry adj perot and liquid adj crystal and tun\$4 | USPAT; US-PGPUB | 2003/01/17 10:42 |
| - | 22 | (372/20.ccls. and littman) and (actuator or rotat\$7) and (single near mode) | USPAT; US-PGPUB | 2003/01/17 11:17 |
| - | 1 | ((micro near actuator) and (tunable near laser)) and micro\$ | USPAT; US-PGPUB | 2003/01/17 10:57 |
| - | 0 | (("6249537").PN.) and micro\$10 | USPAT; US-PGPUB | 2003/01/17 10:59 |
| - | 0 | (("6249537").PN.) and micro | USPAT; US-PGPUB | 2003/01/17 10:59 |
| - | 1 | ("6249537").PN. | USPAT; US-PGPUB | 2003/01/17 10:59 |
| - | 9 | littman and telecommunication and (single near mode) and tun\$4 and laser | USPAT; US-PGPUB | 2003/01/17 11:29 |
| - | 10 | littman and telecommunication and (single near mode) and tun\$4 and laser | USPAT; US-PGPUB | 2003/01/17 11:36 |
| - | 5 | 372/\$.ccls. and littman and telecommunication and (single near mode) | USPAT; US-PGPUB | 2003/01/17 11:38 |
| - | 12 | 372/\$.ccls. and littman and telecommunication | USPAT; US-PGPUB | 2003/01/17 11:49 |
| - | 0 | (micro near actuator) and littman and telecommunication | USPAT; US-PGPUB | 2003/01/17 11:51 |
| - | 0 | (micro near actuator) and littman | USPAT; US-PGPUB | 2003/01/17 11:50 |
| - | 0 | (mem near actuator) and littman | USPAT; US-PGPUB | 2003/01/17 11:50 |
| - | 5 | actuator and littman and telecommunication | USPAT; US-PGPUB | 2003/01/17 11:53 |
| - | 538 | micro near actuator | USPAT; US-PGPUB | 2003/01/17 11:53 |
| - | 187 | (micro near actuator) and laser | USPAT; US-PGPUB | 2003/01/17 11:53 |
| - | 1 | (micro near actuator) and (tun\$4 near laser) | USPAT; US-PGPUB | 2003/01/17 12:12 |
| - | 2 | (("5230005") or ("5624437")).PN. | USPAT; US-PGPUB | 2003/01/17 13:29 |
| - | 1 | ("5914801").PN. | USPAT; US-PGPUB | 2003/01/17 13:34 |
| - | 135 | microactuator and mirror | USPAT; US-PGPUB | 2003/01/17 13:37 |
| - | 255 | microactuator and mirror | USPAT; US-PGPUB | 2003/01/17 13:35 |

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| - | 241 | (microactuator and mirror) and (laser or beam or light) | USPAT; US-PGPUB | 2003/01/17 13:36 |
| - | 0 | ((microactuator and mirror) and (laser or beam or light)) and littman | USPAT; US-PGPUB | 2003/01/17 13:36 |
| - | 53 | ((microactuator and mirror) and (laser or beam or light)) and tun\$4 | USPAT; US-PGPUB | 2003/01/17 13:36 |
| - | 22 | ((((microactuator and mirror) and (laser or beam or light)) and tun\$4) and grating | USPAT; US-PGPUB | 2003/01/17 13:37 |
| - | 5 | microactuator and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/17 13:40 |
| - | 64 | mem and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/17 13:40 |
| - | 15 | iolon | USPAT; US-PGPUB | 2003/01/21 11:58 |
| - | 0 | roatat\$5 and motor and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/21 12:26 |
| - | 659 | rotat\$5 and motor and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/21 12:26 |
| - | 102 | rotat\$5 and motor and 372/20.cccls. | USPAT; US-PGPUB | 2003/01/21 12:26 |
| - | 13 | (rotat\$5 and motor and 372/20.cccls.) and littman | USPAT; US-PGPUB | 2003/01/21 12:32 |
| - | 0 | (electrostatic near motor) and littman | USPAT; US-PGPUB | 2003/01/21 12:30 |
| - | 0 | (electrostatic near motor) and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/21 12:30 |
| - | 14 | (electro and static and motor) and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/21 12:31 |
| - | 21 | (rotat\$5 and motor and 372/\$.ccls.) and littman | USPAT; US-PGPUB | 2003/01/21 12:32 |
| - | 12 | telecommunication and littman and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/21 12:50 |
| - | 10 | wdm and littman and 372/\$.ccls. | USPAT; US-PGPUB | 2003/01/21 14:40 |
| - | 1 | ("6428173").PN. | USPAT; US-PGPUB | 2003/01/21 16:21 |
| - | 0 | ("(mode near hop\$4) and (single near mode)").PN. | USPAT; US-PGPUB | 2003/01/21 16:22 |
| - | 439 | (mode near hop\$4) and (single near mode) | USPAT; US-PGPUB | 2003/01/21 16:22 |
| - | 23 | ((mode near hop\$4) and (single near mode)) and littman | USPAT; US-PGPUB | 2003/01/21 16:22 |
| - | 1 | ("6428173").PN. | USPAT; US-PGPUB | 2003/01/22 10:03 |
| - | 0 | ((("6428173").PN.) and comb | USPAT; US-PGPUB | 2003/01/22 10:03 |
| - | 0 | ((("6428173").PN.) and fingers | USPAT; US-PGPUB | 2003/01/22 10:03 |
| - | 0 | ((("6428173").PN.) and interdigitable | USPAT; US-PGPUB | 2003/01/22 10:06 |
| - | 1 | ((("6428173").PN.) and electrostatic | USPAT; US-PGPUB | 2003/01/22 12:32 |
| - | 42 | 372/20.cccls. and actuator | USPAT; US-PGPUB | 2003/01/22 12:36 |
| - | 53 | littman and actuator | USPAT; US-PGPUB | 2003/01/22 12:36 |